

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPL. NO. : 10/789,566  
APPLICANTS : Cheon, et al.  
FILED : February 27, 2004  
TITLE : NOVEL DYES AND USE THEREOF IN IMAGING MEMBERS AND METHODS  
DOCKET NO : 069532-0285 (formerly 8586/AFP)  
Examiner : Walker, Amanda E.  
Art Unit : 1752

Commissioner for Patents  
PO BOX 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Transmitted herewith for filing in the above-referenced patent are the following documents:

- ☒ Revocation/New Power of Attorney (1 pg);
- ☒ Statement Under 37 CFR 3.73(b) (1 pgs);
- ☒ Copy of the Assignment from Polaroid Corporation to Zink Imaging, LLC (16 pgs); and
- ☒ Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room is respectfully requested to contact the undersigned collect at telephone (617) 342-4000. The Director is hereby authorized to charge any fees associated with this submission to Deposit Account No. 50-3431, Attorney Ref. No. 069532-0285. A duplicate of this paper is enclosed for the office's convenience.

Date: September 14, 2006

Respectfully submitted,

James F. Ewing  
Reg. No. 52,875  
Attorney for Petitioner/Patentee  
Foley & Lardner LLP  
111 Huntington Avenue, 26<sup>th</sup> Floor  
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PTO/SB/82 (01-06)

Approved for use through 12/31/2008. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	10/789,566
Filing Date	Feb. 27, 2004
First Named Inventor	Cheon, et al.
Art Unit	1752
Examiner Name	Walker, Amanda E.
Attorney Docket Number	069532-0285

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number:

48329

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with  
Customer Number:

48329

OR

☐ Firm or  
Individual Name

Address

City

State

Zip

Country

Telephone

Email

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Signature

Name

Date

Telephone

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/86 (12-05)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Cheon, et al.Application No./Patent No./Control No.: 10/789,566 Filed/Issue Date: Feb. 27, 2004Entitled: NOVEL DYES AND USE THEREOF IN THERMAL IMAGING MEMBERS AND METHODSZINK IMAGING, LLC

(Name of Assignee)

a Minnesota Limited Liability Company

(Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a true copy of the original assignment is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Cheon, et al. To: Polaroid Corporation  
The document was recorded in the United States Patent and Trademark Office at  
Reel 015039, Frame 0331, or for which a copy thereof is attached.
2. From: Polaroid Corporation To: Zink Imaging, LLC  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Wendy Caswell

Signature

WENDY CASWELL

Printed or Typed Name

PRESIDENT & CEO

Title

5/18/06

Date

781-386-0097

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## **PATENT AND INVENTION ASSIGNMENT**

**WHEREAS, POLAROID CORPORATION**, a Delaware corporation ("Assignor"), having its office at 1265 Main Street - W4, Waltham, MA 02451, desires to assign its rights, title and interest in and to certain patents and patent applications, all as identified in the attached Schedule A which is made a part hereof (collectively the "Inventions"); and

**WHEREAS, ZINK IMAGING, LLC**, a Minnesota limited liability company, having its offices at 1265 Main Street - W4, Waltham, MA 02451 ("Assignee"), is desirous of acquiring Polaroid's right, title and interest in and to the Inventions, including any letters patent or applications therein or which derive therefrom, and all rights to apply for letters patent, in all cases throughout the world;

**NOW, THEREFORE**, for Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the Inventions, and in and to all patents of the United States and in any and all foreign countries which may be issued therefore, and in and to all patent applications, including all continuations, divisionals, reexaminations and reissues thereof in the United States and the equivalents thereof in any and all foreign countries, together with all claims for damages by reason of any or future infringement thereof, along with the right to sue for and collect the same, and to obtain all other possible remedies for Assignee's own use and enjoyment as fully and completely as the same would have been held by Assignor had this Patent and Invention Assignment and sale not been made. The said entire right, title and interest shall vest irrevocably in Assignee, and this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, and Assignor's successors, assigns, and legal representatives.

Assignor covenants and agrees, upon request by Assignee, without additional compensation, but at no expense to Assignor, to execute or assent to foreign applications, to execute all papers, assignments or other documents as reasonably requested by Assignee, to provide testimony by affidavit or otherwise on behalf of Assignee in any proceeding before the United States Patent and Trademark Office, foreign patent authority, state or federal court, or other decision-making body, and, in general, to cooperate fully with Assignee as reasonably necessary or desirable to vest the enjoyment of, and to secure, perfect, maintain or enforce said entire right, title and interest in and to said Application and any patents issuing therefrom or related thereto

in and to Assignee. Assignor further covenants that no instrument has been executed that is contrary to this Assignment nor has Assignor taken any action contrary to this Assignment nor will Assignor do so in the future.

The Commissioner of Patents and the officials with comparable authority over patents in foreign countries are hereby authorized and directed to issue in the name of Assignee, or as otherwise directed by Assignee, any and all patents which may be granted from the Inventions.

IN WITNESS WHEREOF, Assignor has caused this instrument to be duly executed as of this 5<sup>th</sup> day of January, 2006.

POLAROID CORPORATION

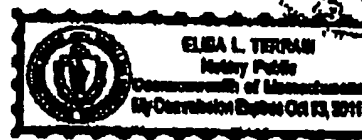
By: [Signature]  
Thomas L. Beaudoin  
Title: Chief Operating Officer  
Officer

STATE OF Massachusetts )  
 ) ss.  
COUNTY OF Middlesex )

The foregoing instrument was acknowledged before me on January 5, 2006, by Thomas L. Beaudoin, known to me to be the Chief Operating Officer of Polaroid Corporation, a Delaware corporation, on behalf of such corporation.

[Signature]  
Notary Public

1030173.1





**Schedule A**

**List of Inventions**

**ZINK Asset Purchase Agreement**  
**Exhibit A1 - Zink Patents, Inventions and Copyrights**

Patents and Patent Applications - United States PTO					
Case*	Title	Subject Matter	Status or Issue Date	Patent Number	Application Number
7858	Three-Dimensional Display Method(s) and Apparatus	Optical waveguide	22-Sep-98	5,812,186	08/279,434
8485	Thermal Imaging System	The basic ZINK application. The issued claims are method claims for forming an image on thermal imaging members such as ZINK imaging members.	5-Oct-04	6,801,233	10/151,432
8485	Thermal Imaging System	Continuation application of C-8485-AFP. This application has system claims for ZINK printer - imaging member combinations.	14-Jun-05	6,906,735	10/858,139
8485	Thermal Imaging System	Division of C-8485-AFP. This application has thermal imaging member claims which encompass ZINK imaging members.	Filed. Pending		10/806,749
8543	Choice of Chromophores in Two Color Imaging Systems	A method for selecting two dye chromophores to render images by selecting a first chromophore and selecting a second chromophore to be the complement of the first and a printing system which utilizes the method.	Filed. Pending		10/350,858
8544	Imaging System	Imaging methods and members wherein a chemical compound in a crystalline form is converted, at least partially, to a liquid in the amorphous form, the liquid having intrinsically a different color from the crystalline form.	Filed. Pending		10/789,648
8558	Drive Roller Assembly	Drive roller assemblies for pulling a print medium within, or in conjunction with, a printing apparatus.	1-Nov-05	6,959,849	10/743,588

**ZINK Asset Purchase Agreement**  
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<b>Patents and Patent Applications – United States PTO</b>					
<b>Case#</b>	<b>Title</b>	<b>Subject Matter</b>	<b>Status or Issue Date</b>	<b>Patent Number</b>	<b>Application Number</b>
8559	Thermal Printer Assembly	A thermal printer assembly which includes an elongated thermal print head oriented substantially orthogonally to a print medium path and a platen roller which is aligned with, and opposed to the print head and adapted to pressure the medium against the print-head.	Filed. Pending		10/743,631
8560	Thermal Print Head Alignment Method and Apparatus	A device for mounting a thermal print head, the device including a frame including a reference member and a multiplicity of adjustable datum points oriented orthogonally around a mounting location for the print head.	6-Sep-05	6,940,533	10/743,234
8561	Thermal Printer Assembly	A thermal printer assembly including a plurality of elongated thermal print heads and a frame adapted to fixedly mount and align the print heads in parallel across a single print medium path.	Filed. Pending		10/743,632
8562	Roller Assembly	A roller assembly which can be used in a linear or serial printer includes a platen roller having a central axle which is exposed at opposing ends of the roller and a frame for mounting the platen at both exposed ends of the axle.	Abandoned in favor of C-8562-CON		10/743,235
8562	Roller Assembly	Continuation of C-8562-AFP. A roller assembly which can be used in a linear or serial printer includes a platen roller having a central axle which is exposed at opposing ends of the roller and a frame for mounting the platen at both exposed ends of the axle.	Filed. Pending		11/215,682



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<b>Patents and Patent Applications – United States PTO</b>					
<b>Case*</b>	<b>Title</b>	<b>Subject Matter</b>	<b>Status or Issue Date</b>	<b>Patent Number</b>	<b>Application Number</b>
8563	Thermal Printer Apparatus	A thermal printer apparatus including one or more thermal print heads fixedly mounted with respect to a print path, one or more platen roller assemblies and a frame and a pivotally mounted support member.	Filed. Pending		10/743,351
8566	Image Stitching For a Multi-Head Printer	Techniques for stitching images printed by a multihead thermal printer where printing at each location in the stitching region is accomplished by the print heads with a weighting that depends on the location being printed in the stitching region.	Filed. Pending		10/374,847
8574	Print Head Pulsing Techniques For Multicolor Printers	Novel pulsing method wherein different heating elements of a thermal print head can print on different image-forming layers of a multicolor imaging member in a single pass.	Filed. Pending		11/159,880
8584	Print Job Data Processing for Multi-Head Printers	Techniques for performing processing such as striping, staggering and stitching on print data prior to printing with a multihead printer.	Filed. Pending		10/808,627
8586	Novel Dyes and Use Thereof in Thermal Imaging Members and Methods	Novel fluorescein dyes which exhibit a first color in the crystalline form and a second different color in the liquid amorphous form and imaging members and thermal imaging methods utilizing the dyes.	Filed. Pending		10/789,566
8587	Novel Dyes and Use Thereof in Imaging Members and Methods	Novel rhodamine dyes which exhibit a first color in the crystalline form and a second different color in the liquid amorphous form and imaging members and thermal imaging methods utilizing the dyes.	Filed. Pending		10/788,963

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<b>Patents and Patent Applications – United States PTO</b>					
<b>Case*</b>	<b>Title</b>	<b>Subject Matter</b>	<b>Status or Issue Date</b>	<b>Patent Number</b>	<b>Application Number</b>
8588	Novel Dyes	Novel rhodol dyes which exhibit a first color in the crystalline form and a second different color in the liquid amorphous form and imaging members and thermal imaging methods utilizing the dyes.	4-Oct-05	6,951,952 B2	10/788,276
8589	Novel Dye Complexes and Use Thereof in Imaging Members and Methods	Novel complexes of hydrogen bond acceptors and phenolic dyes and imaging members and imaging methods including thermal imaging members and methods utilizing the complexes.	Filed. Pending		10/789,600
8598	Thermal Imaging Method	Imagewise activating thermal energy is applied to first and second image-forming layers at a first background temperature and imagewise activating thermal energy is applied to a third image-forming layer at a second background temperature.	Filed. Pending		60/668,702
8601	Parametric Programmable Thermal Printer	The printer may include a controller that performs functions such as thermal history control and common mode voltage control. The controller may be implemented in an integrated programmable medium such as a FPGA.	Filed. Pending		11/188,676
8606	Thermal Imaging Method	Thermal imaging method wherein thermal energy is provided to at least two image-forming layers with one or more print heads while the layers are traveling at different velocities with respect to the print head(s).	Filed. Pending		60/668,800
8608	Novel Rhodamine Dyes and Use Thereof in Imaging Members and Methods	New rhodamine dyes.	Filed. Pending		60/680,088
8614	Novel Rhodamine Dyes and Use Thereof in Imaging Members and Methods	New rhodamine dyes.	Filed. Pending		60/680,212

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Patents and Patent Applications – United States PTO					
Case*	Title	Subject Matter	Status or Issue Date	Patent Number	Application Number
8817	Thermal Printing Head with Two-Dimensional Array of Resistive Heating Elements, and Method for Printing Using Same	Novel print head configuration and thermal printing methods	Filed. Pending		60/734,081

\*Polaroid-designated intellectual property asset case number

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<b>Patents and Patent Applications – Non-United States</b>						
<b>Case*</b>	<b>Country Name</b>	<b>Application Number</b>	<b>Application Status</b>	<b>Filing Date</b>	<b>Publication Date</b>	<b>Title</b>
007858	Patent Cooperation Treaty	PCTUS95/08777	Inactive	13-Jul-1995		THREE-DIMENSIONAL DISPLAY METHOD(S) AND APPARATUS
007858/PCT	Japan	8-505777	Abandoned	13-Jul-1995		THREE-DIMENSIONAL DISPLAY METHOD(S) AND APPARATUS
008485	Patent Cooperation Treaty	PCTUS02/15868	Inactive	20-May-2002		THERMAL IMAGING SYSTEM
008485/PCT	Canada	2446880	Pending	20-May-2002		THERMAL IMAGING SYSTEM
008485/PCT	China (Peoples Republic)	02815088.0	Published	20-May-2002	13-Oct-2004	THERMAL IMAGING SYSTEM
008485/PCT	Eurasian Patent Organization	200301177/26	Pending	20-May-2002		THERMAL IMAGING SYSTEM
008485/PCT	European Patent Convention	02751985.9	Published	20-May-2002	24-Mar-2004	THERMAL IMAGING SYSTEM
008485/PCT	India	1481KOLNP2003	Pending	20-May-2002		THERMAL IMAGING SYSTEM
008485/PCT	Japan	2002-593159	Pending	20-May-2002		THERMAL IMAGING SYSTEM
008485/PCT	Korea, Republic of	2003-7015699	Published	20-May-2002	11-Feb-2004	THERMAL IMAGING SYSTEM
008543	Patent Cooperation Treaty	PCTUS03/04159	Inactive	11-Feb-2003		CHOICE OF CHROMOPHORES IN TWO COLOR IMAGING SYSTEMS
008543/PCT	Canada	2478690	Pending	11-Feb-2003		CHOICE OF CHROMOPHORES IN TWO COLOR IMAGING SYSTEMS

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<b>Case*</b>	<b>Country Name</b>	<b>Application Number</b>	<b>Application Status</b>	<b>Filing Date</b>	<b>Publication Date</b>	<b>Title</b>
008543/PCT	European Patent Convention	03707857.3	Published	11-Feb-2003	08-Dec-2004	CHOICE OF CHROMOPHORES IN TWO COLOR IMAGING SYSTEMS
008543/PCT	Japan	2003-577528	Published	11-Feb-2003	07-Jul-2005	CHOICE OF CHROMOPHORES IN TWO COLOR IMAGING SYSTEMS
008544	Patent Cooperation Treaty	PCTUS04/05986	Inactive	27-Feb-2004		IMAGING SYSTEM
008544/PCT	Canada	2515507	Pending	27-Feb-2004		IMAGING SYSTEM
008544/PCT	China (Peoples Republic)	200480005432	Pending	27-Feb-2004		IMAGING SYSTEM
008544/PCT	European Patent Convention	04715701.1	Published	27-Feb-2004	23-Nov-2005	IMAGING SYSTEM
008544/PCT	India	1452KOLNP2005	Pending	27-Feb-2004		IMAGING SYSTEM
008544/PCT	Japan	not yet assigned	Pending	27-Feb-2004		IMAGING SYSTEM
008544/PCT	Korea, Republic of	2005-7016135	Pending	27-Feb-2004		IMAGING SYSTEM
008544/PCT	Russian Federation	2005129546	Pending	27-Feb-2004		IMAGING SYSTEM
008558	Patent Cooperation Treaty	PCTUS03/40868	Inactive	22-Dec-2003	15-Jul-2004	DRIVE ROLLER ASSEMBLY
008558/PCT	Canada	2511542	Pending	22-Dec-2003		DRIVE ROLLER ASSEMBLY
008558/PCT	European Patent Convention	03814287.3	Published	22-Dec-2003	05-Oct-2005	DRIVE ROLLER ASSEMBLY
008558/PCT	Japan	2004-563914	Pending	22-Dec-2003		DRIVE ROLLER ASSEMBLY
008559	Patent Cooperation Treaty	PCTUS03/41125	Inactive	22-Dec-2003		THERMAL PRINTER ASSEMBLY
008559/PCT	Canada	2511558	Pending	22-Dec-2003		THERMAL PRINTER ASSEMBLY
008559/PCT	European Patent Convention	3814399	Published	22-Dec-2003	26-Oct-2005	THERMAL PRINTER ASSEMBLY
008559/PCT	Japan	2004-564013	Pending	22-Dec-2003		THERMAL PRINTER ASSEMBLY
008560/PCT	Canada	2511537	Pending	22-Dec-2003		THERMAL PRINT HEAD ALIGNMENT METHOD AND APPARATUS

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<b>Patents and Patent Applications - Non-United States</b>						
<b>Case*</b>	<b>Country Name</b>	<b>Application Number</b>	<b>Application Status</b>	<b>Filing Date</b>	<b>Publication Date</b>	<b>Title</b>
008560/PCT	European Patent Convention	03814286.5	Published	22-Dec-2003	26-Oct-2005	THERMAL PRINT HEAD ALIGNMENT METHOD AND APPARATUS
008560/PCT	Japan	2004-563913	Pending	22-Dec-2003		THERMAL PRINT HEAD ALIGNMENT METHOD AND APPARATUS
008560/PCT	Patent Cooperation Treaty	PCTUS03/40867	Inactive	22-Dec-2003	15-Jul-2004	THERMAL PRINT HEAD ALIGNMENT METHOD AND APPARATUS
008561	Patent Cooperation Treaty	PCTUS03/40952	Inactive	22-Dec-2002		THERMAL PRINTER ASSEMBLY
008561/PCT	Canada	2511559	Pending	22-Dec-2003		THERMAL PRINTER ASSEMBLY
008561/PCT	European Patent Convention	03814317.8	Published	22-Dec-2003	26-Oct-2005	THERMAL PRINTER ASSEMBLY
008561/PCT	Japan	2004-563956	Pending	22-Dec-2003		THERMAL PRINTER ASSEMBLY
008562	Patent Cooperation Treaty	PCTUS03/40869	Inactive	22-Dec-2003		ROLLER ASSEMBLY
008562/PCT	Canada	2511539	Pending	22-Dec-2003		ROLLER ASSEMBLY
008562/PCT	European Patent Convention	03814288.1	Published	22-Dec-2003	12-Oct-2005	ROLLER ASSEMBLY
008562/PCT	Japan	2004-563915	Pending	22-Dec-2003		ROLLER ASSEMBLY
008563	Patent Cooperation Treaty	PCTUS03/41188	Inactive	22-Dec-2003	15-Jul-2004	THERMAL PRINTER APPARATUS
008563/PCT	Canada	2511275	Pending	22-Dec-2003		THERMAL PRINTER APPARATUS
008563/PCT	European Patent Convention	3800151.7	Published	22-Dec-2003	05-Oct-2005	THERMAL PRINTER APPARATUS
008563/PCT	Japan	2004-564026	Pending	22-Dec-2003		THERMAL PRINTER APPARATUS
008566	Patent Cooperation Treaty	PCTUS04/04873	Inactive	19-Feb-2004		IMAGE STITCHING FOR A MULTI-HEAD PRINTER
008566/PCT	China (Peoples Republic)	200480004790	Pending	19-Feb-2004		DOWN-WEB SCREENING
008566/PCT	European Patent Convention	04712842.6	Published	19-Feb-2004	21-Dec-2005	DOWN-WEB SCREENING

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<b>Case*</b>	<b>Country Name</b>	<b>Application Number</b>	<b>Application Status</b>	<b>Filing Date</b>	<b>Publication Date</b>	<b>Title</b>
008566/PCT	Japan	not yet assigned	Pending	19-Feb-2004		DOWN-WEB SCREENING
008584	Patent Cooperation Treaty	PCTUS05/09754	Published	23-Mar-2005	13-Oct-2005	PRINT JOB DATA PROCESSING FOR MULTI-HEAD PRINTERS
008586	Patent Cooperation Treaty	PCTUS04/05984	Abandoned	27-Feb-2004		NOVEL DYES AND USE THEREOF IN THERMAL IMAGING MEMBERS AND METHODS
008587	Patent Cooperation Treaty	PCTUS04/05965	Abandoned	27-Feb-2004	30-Sep-2004	NOVEL DYES AND USE THEREOF IN IMAGING MEMBERS AND METHODS
008588	Patent Cooperation Treaty	PCTUS04/06109	Abandoned	27-Feb-2004		NOVEL DYES
008589	Patent Cooperation Treaty	PCTUS04/05964	Abandoned	27-Feb-2004		NOVEL DYE COMPLEXES AND USE THEREOF IN IMAGING MEMBERS AND METHODS

\* Polaroid-designated intellectual property asset case number

[illegible]



**ZINK Asset Purchase Agreement**  
**Exhibit A1 - Zink Patents, Inventions and Copyrights**

Invention Disclosures	
2004001	Improvements in the [REDACTED]
2004002	Control of [REDACTED]
2004003	Technique for [REDACTED]
2004004	Method for [REDACTED]
2004005	Relationship between [REDACTED]
2004006	Improvements in [REDACTED]
2004007	Method for [REDACTED]
2004008	Relationship between [REDACTED]
2004009	Control of [REDACTED]
2004010	Method for [REDACTED]
2004011	Relationship between [REDACTED]
2004012	Control of [REDACTED]
2004013	Method for [REDACTED]
2004014	Relationship between [REDACTED]
2004015	Control of [REDACTED]
2004016	Method for [REDACTED]
2004017	Relationship between [REDACTED]
2004018	Control of [REDACTED]
2004019	Method for [REDACTED]
2004020	Relationship between [REDACTED]
2004021	Control of [REDACTED]
2004022	Method for [REDACTED]
2004023	Relationship between [REDACTED]
2004024	Control of [REDACTED]
2004025	Method for [REDACTED]
2004026	Relationship between [REDACTED]
2004027	Control of [REDACTED]
2004028	Method for [REDACTED]
2004029	Relationship between [REDACTED]
2004030	Control of [REDACTED]
2004031	Method for [REDACTED]
2004032	Relationship between [REDACTED]
2004033	Control of [REDACTED]
2004034	Method for [REDACTED]
2004035	Relationship between [REDACTED]
2004036	Control of [REDACTED]
2004037	Method for [REDACTED]
2004038	Relationship between [REDACTED]
2004039	Control of [REDACTED]
2004040	Method for [REDACTED]
2004041	Relationship between [REDACTED]
2004042	Control of [REDACTED]
2004043	Method for [REDACTED]
2004044	Relationship between [REDACTED]
2004045	Control of [REDACTED]
2004046	Method for [REDACTED]
2004047	Relationship between [REDACTED]
2004048	Control of [REDACTED]
2004049	Method for [REDACTED]
2004050	Relationship between [REDACTED]

**ZINK Asset Purchase Agreement**  
**Exhibit A1 – Zink Patents, Inventions and Copyrights**

Invention Disclosures	
1	[REDACTED]
2	[REDACTED]
3	[REDACTED]
4	[REDACTED]
5	[REDACTED]
6	[REDACTED]
7	[REDACTED]
8	[REDACTED]
9	[REDACTED]
10	[REDACTED]
11	[REDACTED]
12	[REDACTED]
13	[REDACTED]
14	[REDACTED]
15	[REDACTED]
16	[REDACTED]
17	[REDACTED]
18	[REDACTED]
19	[REDACTED]
20	[REDACTED]
21	[REDACTED]
22	[REDACTED]
23	[REDACTED]
24	[REDACTED]
25	[REDACTED]
26	[REDACTED]
27	[REDACTED]
28	[REDACTED]
29	[REDACTED]
30	[REDACTED]
31	[REDACTED]
32	[REDACTED]
33	[REDACTED]
34	[REDACTED]
35	[REDACTED]
36	[REDACTED]
37	[REDACTED]
38	[REDACTED]
39	[REDACTED]
40	[REDACTED]
41	[REDACTED]
42	[REDACTED]
43	[REDACTED]
44	[REDACTED]
45	[REDACTED]
46	[REDACTED]
47	[REDACTED]
48	[REDACTED]
49	[REDACTED]
50	[REDACTED]
51	[REDACTED]
52	[REDACTED]
53	[REDACTED]
54	[REDACTED]
55	[REDACTED]
56	[REDACTED]
57	[REDACTED]
58	[REDACTED]
59	[REDACTED]
60	[REDACTED]
61	[REDACTED]
62	[REDACTED]
63	[REDACTED]
64	[REDACTED]
65	[REDACTED]
66	[REDACTED]
67	[REDACTED]
68	[REDACTED]
69	[REDACTED]
70	[REDACTED]
71	[REDACTED]
72	[REDACTED]
73	[REDACTED]
74	[REDACTED]
75	[REDACTED]
76	[REDACTED]
77	[REDACTED]
78	[REDACTED]
79	[REDACTED]
80	[REDACTED]
81	[REDACTED]
82	[REDACTED]
83	[REDACTED]
84	[REDACTED]
85	[REDACTED]
86	[REDACTED]
87	[REDACTED]
88	[REDACTED]
89	[REDACTED]
90	[REDACTED]
91	[REDACTED]
92	[REDACTED]
93	[REDACTED]
94	[REDACTED]
95	[REDACTED]
96	[REDACTED]
97	[REDACTED]
98	[REDACTED]
99	[REDACTED]
100	[REDACTED]

**ZINK Asset Purchase Agreement**  
**Exhibit A1 – Zink Patents, Inventions and Copyrights**

Invention Disclosures		
1	[REDACTED]	[REDACTED]
2	[REDACTED]	[REDACTED]
3	[REDACTED]	[REDACTED]
4	[REDACTED]	[REDACTED]
5	[REDACTED]	[REDACTED]
6	[REDACTED]	[REDACTED]
7	[REDACTED]	[REDACTED]
8	[REDACTED]	[REDACTED]
9	[REDACTED]	[REDACTED]
10	[REDACTED]	[REDACTED]
11	[REDACTED]	[REDACTED]
12	[REDACTED]	[REDACTED]
13	[REDACTED]	[REDACTED]
14	[REDACTED]	[REDACTED]
15	[REDACTED]	[REDACTED]
16	[REDACTED]	[REDACTED]
17	[REDACTED]	[REDACTED]
18	[REDACTED]	[REDACTED]
19	[REDACTED]	[REDACTED]
20	[REDACTED]	[REDACTED]
21	[REDACTED]	[REDACTED]
22	[REDACTED]	[REDACTED]
23	[REDACTED]	[REDACTED]
24	[REDACTED]	[REDACTED]
25	[REDACTED]	[REDACTED]
26	[REDACTED]	[REDACTED]
27	[REDACTED]	[REDACTED]
28	[REDACTED]	[REDACTED]
29	[REDACTED]	[REDACTED]
30	[REDACTED]	[REDACTED]
31	[REDACTED]	[REDACTED]
32	[REDACTED]	[REDACTED]
33	[REDACTED]	[REDACTED]
34	[REDACTED]	[REDACTED]
35	[REDACTED]	[REDACTED]
36	[REDACTED]	[REDACTED]
37	[REDACTED]	[REDACTED]
38	[REDACTED]	[REDACTED]
39	[REDACTED]	[REDACTED]
40	[REDACTED]	[REDACTED]
41	[REDACTED]	[REDACTED]
42	[REDACTED]	[REDACTED]
43	[REDACTED]	[REDACTED]
44	[REDACTED]	[REDACTED]
45	[REDACTED]	[REDACTED]
46	[REDACTED]	[REDACTED]
47	[REDACTED]	[REDACTED]
48	[REDACTED]	[REDACTED]
49	[REDACTED]	[REDACTED]
50	[REDACTED]	[REDACTED]
51	[REDACTED]	[REDACTED]
52	[REDACTED]	[REDACTED]
53	[REDACTED]	[REDACTED]
54	[REDACTED]	[REDACTED]
55	[REDACTED]	[REDACTED]
56	[REDACTED]	[REDACTED]
57	[REDACTED]	[REDACTED]
58	[REDACTED]	[REDACTED]
59	[REDACTED]	[REDACTED]
60	[REDACTED]	[REDACTED]
61	[REDACTED]	[REDACTED]
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63	[REDACTED]	[REDACTED]
64	[REDACTED]	[REDACTED]
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66	[REDACTED]	[REDACTED]
67	[REDACTED]	[REDACTED]
68	[REDACTED]	[REDACTED]
69	[REDACTED]	[REDACTED]
70	[REDACTED]	[REDACTED]
71	[REDACTED]	[REDACTED]
72	[REDACTED]	[REDACTED]
73	[REDACTED]	[REDACTED]
74	[REDACTED]	[REDACTED]
75	[REDACTED]	[REDACTED]
76	[REDACTED]	[REDACTED]
77	[REDACTED]	[REDACTED]
78	[REDACTED]	[REDACTED]
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81	[REDACTED]	[REDACTED]
82	[REDACTED]	[REDACTED]
83	[REDACTED]	[REDACTED]
84	[REDACTED]	[REDACTED]
85	[REDACTED]	[REDACTED]
86	[REDACTED]	[REDACTED]
87	[REDACTED]	[REDACTED]
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92	[REDACTED]	[REDACTED]
93	[REDACTED]	[REDACTED]
94	[REDACTED]	[REDACTED]
95	[REDACTED]	[REDACTED]
96	[REDACTED]	[REDACTED]
97	[REDACTED]	[REDACTED]
98	[REDACTED]	[REDACTED]
99	[REDACTED]	[REDACTED]
100	[REDACTED]	[REDACTED]

\*Polaroid designated disclosure tracking number